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CLAIM'S PTO

GJT

CLAIMS 1-19 ARE CANCELLED

19. (new) An isolated antibody, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence of SEQ ID NO: 2;
- (b) a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO: 2;
- (c) a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2; and
- (d) a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

20. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of the amino acid sequence of SEQ ID NO:2.

21. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO:2.

22. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2.

23. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

24. (new) The antibody of claim 19, wherein said antibody is polyclonal.

25. (new) The antibody of claim 19, wherein said antibody is monoclonal.

26. (new) The antibody of claim 25, wherein said antibody is produced by a method selected from the group consisting of the hybridoma technique, the trioma technique, the human B-cell hybridoma technique, and the EBV-hybridoma technique.

27. (new) The antibody of claim 19, wherein said antibody is chimeric.

28. (new) The antibody of claim 19, wherein said antibody is humanized.

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29. (new) An isolated antibody fragment, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence of SEQ ID NO: 2;
- (b) a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO: 2;
- (c) a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2; and
- (d) a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

30. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of the amino acid sequence of SEQ ID NO:2.

31. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO:2.

32. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2.

33. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

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34. (new) The antibody fragment of claim 29, wherein said antibody fragment comprises a Fab fragment.

35. (new) The antibody fragment of claim 29, wherein said antibody fragment comprises a single chain antibody.

36. (new) The antibody fragment of claim 29, wherein said antibody fragment is chimeric.

37. (new) The antibody fragment of claim 29, wherein said antibody fragment is humanized.

38. (new) The antibody fragment of claim 29, wherein said antibody fragment is the product of an Fab expression library.

CLAIM 39 IS AMENDED

39. (Once amended) An isolated antibody, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899;
 - (b) a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899; and
 - (c) a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.
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40. (new) The isolated antibody of claim 39, which specifically binds the protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899.

CLAIM 41 IS CANCELLED

43. (new) The antibody of claim 39, which specifically binds a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

44. (new) The antibody of claim 39, wherein said antibody is polyclonal.

45. (new) The antibody of claim 39, wherein said antibody is monoclonal.

46. (new) The antibody of claim 39, wherein said antibody is chimeric.

47. (new) The antibody of claim 39, wherein said antibody is humanized.

CLAIM 48 IS AMENDED

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48. (Once amended) An isolated antibody fragment, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899;
- (b) a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899; and
- (c) a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

49. (new) The isolated antibody fragment of claim 48, which specifically binds the protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899.

CLAIM 50 IS CANCELLED

51. (new) The antibody fragment of claim 48, which specifically binds a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899.

52. (new) The antibody fragment of claim 48, which specifically binds a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

53. (new) The antibody fragment of claim 48, wherein said antibody fragment comprises a Fab fragment.

54. (new) The antibody fragment of claim 48, wherein said antibody fragment comprises a single chain antibody.

55. (new) The antibody fragment of claim 48, wherein said antibody fragment is chimeric.

56. (new) The antibody fragment of claim 48, wherein said antibody fragment is humanized.

57. (new) A composition comprising the antibody of claim 19 and a carrier.

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58. (new) A composition comprising the antibody fragment of claim 29 and a carrier.

59. (new) A composition comprising the antibody of claim 39 and a carrier.

60. (new) A composition comprising the antibody fragment of claim 48 and a carrier.

CLAIMS 61-66 ARE CANCELLED